

## **ABSTRACT OF THE DISCLOSURE**

The present invention discloses a miniature monopole antenna for dual-frequency printed circuit board, which individually prints a printed wire, two radiators, and a metal grounding surface on a dielectric printed wire board to form a monopole antenna. Therefore, the antenna can be operated within the dual-frequency range as specified by the IEEE 802.11a protocol and the IEEE 802.11b protocol. The monopole antenna designed in this invention not only can receive dual-frequency signals, but also can reduce the occupying volume to about one half of that of the traditional inverted L-shaped monopole antenna, which can effectively reduce the volume of the wireless communication products and comply with the trend of the compact design.